

B1 33. (Amended) A method of depositing by flame or plasma spraying at atmospheric pressure a layer onto a substrate, the layer having a thickness of at least 5 mm, the coating comprising metal oxides, the method including the step of depositing an additional noble metal with the coating to increase thermal conductivity of the coating.

B2 36. (Amended) The method according to claim 33, wherein the spraying step includes spraying a material through a spraying head, the material being in the form of one of a powder, a slurry a solution.

Add new Claims 43 through 47 as follows:

B3 43. The composite according to claim 20 wherein between 20 and 30% silver is included in the metal oxides.

44. The composite according to claim 20, wherein between 12.7 and 30% silver is included in the metal oxides.

45. The method according to claim 37, wherein between 30% silver is included in the material to be sprayed.

46. The method according to claim 37, wherein between 12.7 and 30% silver is included in the material to be sprayed.